

1991 SOUTH DAKOTA TUBERCULOSIS MORBIDITY

There were 35 cases of tuberculosis reported to the South Dakota Department of Health in 1991. This represents an increase of 21 cases from cases reported in 1990. Cases were widely distributed across the state with 18 counties reported disease. During 1991, there were no drug resistant or TB/HIV co-infected TB cases reported.

TUBERCULOSIS CASES REPORTED BY SEX AND RACE SOUTH DAKOTA 1991

RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	15	13	28	80%
White	2	2	4	11%
Black	1	0	1	3%
Hispanic	0	0	0	0%
Asian	2	0	2	6%
TOTAL	20	15	35	100%

TUBERCULOSIS CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 1991

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	2	0	2	6%
5-9	0	2	2	6%
10-14	0	0	0	0%
15-19	0	1	1	3%
20-29	2	2	4	11%
30-39	0	1	1	3%
40-49	4	0	4	11%
50-59	7	4	11	31%
60-69	3	1	4	11%
70-79	2	3	5	15%
80-89	0	1	1	3%
90+	0	0	0	0%
TOTAL	20	15	35	100%

TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE AND YEAR SOUTH DAKOTA 1986-1991

RACE	1986	1987	1988	1989	1990	1991
All Races	4.1	4.1	4.7	3.9	1.9	5.0
Native American	50.4	40.0	52.5	40.1	22.1	55.4
White	0.6	1.2	1.2	0.9	0.4	0.6
All Other Races	22.5	22.5	0.0	67.5	0.0	41.7

**TUBERCULOSIS CASES REPORTED BY COUNTY OF RESIDENCE
SOUTH DAKOTA 1991**

COUNTY	# OF CASES	COUNTY	# OF CASES
Todd	8	Jackson	1
Shannon	5	Lyman	1
Minnehaha	4	McPherson	1
Brown	2	Meade	1
Fall River	2	Pennington	1
Mellette	2	Potter	1
Charles Mix	1	Roberts	1
Dewey	1	Spink	1
Hughes	1	Walworth	1

**TUBERCULOSIS MORTALITY BY RACE AND YEAR
SOUTH DAKOTA 1988-1991**

RACE	1988		1989		1990		1991	
All Races	4/33	12%	8/28	29%	3/14	21%	4/35	11%
Native American	3/25	12%	6/19	32%	2/11	18%	3/28	11%
White	1/8	13%	1/6	17%	1/3	33%	0/4	0%
All Other Races	0/0	0%	1/3	33%	0/0	0%	1/3	33%

**FOREIGN-BORN TUBERCULOSIS CASES BY YEAR
SOUTH DAKOTA 1988-1991**

Country of Birth	1988	1989	1990	1991
United States	33 (100%)	24 (86%)	14 (100%)	32 (91%)
Foreign-born	0 (0%)	4 (14%)	0 (0%)	3 (9%)
TOTAL	33	28	14	35

**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE
SOUTH DAKOTA 1991**

Site of Tuberculosis	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	19	3	1	0	1	24
Non-pulmonary	9	1	0	0	1	11
Both	0	0	0	0	0	0
TOTAL	28	4	1	0	2	35

The non-pulmonary sites of disease included the following:

Lymphatic	5	Renal	2	Pleural	2
Peritoneal	1	Adrenal	1		

**PATIENTS STARTED ON TUBERCULOSIS PREVENTIVE THERAPY
SOUTH DAKOTA 1985-1991**

1985	1986	1987	1988	1989	1990	1991
629	594	727	768	653	1021	687*

**1991 data is provisional*

**TUBERCULOSIS CASES AND CASE RATES PER 100,000
UNITED STATES 1981-1990**

YEAR	NUMBER OF TB CASES	TB CASE RATE	% CHANGE OF NUMBER	% CHANGE OF RATE
1981	27,373	11.9	-1.4	-3.3
1982	25,520	11.0	-6.8	-7.6
1983	23,846	10.2	-6.6	-7.3
1984	22,255	9.4	-6.7	-7.8
1985	22,201	9.3	-0.2	-1.1
1986	22,768	9.4	+2.6	+1.1
1987	22,517	9.3	-1.1	-1.1
1988	22,436	9.1	-0.4	-2.2
1989	23,495	9.5	+4.7	+4.4
1990	25,701	10.3	+9.4	+8.4